

## Chapter 8. State Indicators

### 8-25 Appropriations of State Tax Funds for Operating Expenses of Higher Education as a Percentage of Gross Domestic Product

#### Description

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This indicator represents the extent of state spending for higher education operating expenses as a proportion of its gross domestic product (GDP). A higher value on this indicator indicates that a state has made financial support of its higher education system more of a priority.

Because of decreases in state tax collections in FY 2009–11, state monies allocated to higher education decreased in many states. This decrease was offset to a degree by federal stimulus funds that were used to restore the level of state support for public higher education. The state monies used to calculate this indicator do not include federal stimulus funds for education stabilization or government funds for the modernization, renovation, or repair of higher education facilities.

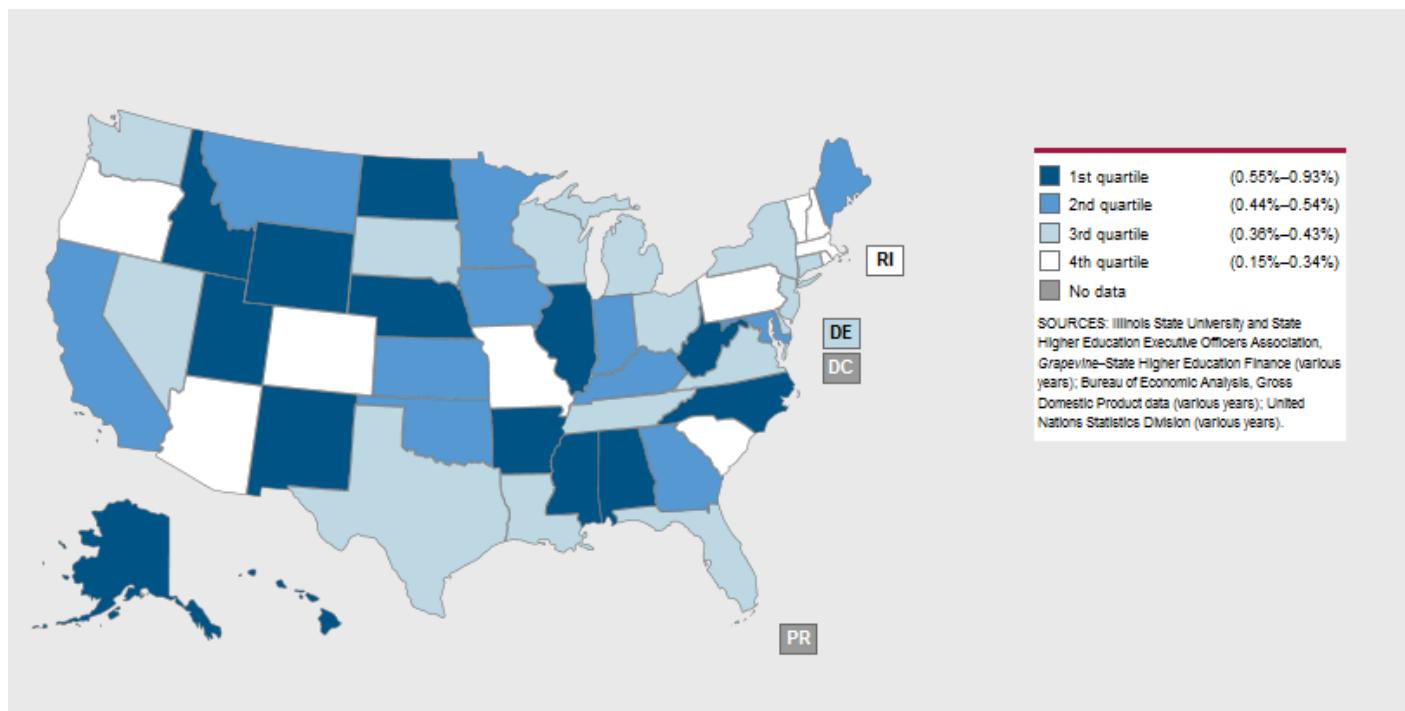
#### Findings

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- Nationally, state appropriations for operating expenses of higher education as a share of the state's GDP decreased from 0.49% in 2004 to 0.42% in 2014.
- In 2014, values ranged from 0.15% to 0.93% across the states.
- Between 2004 and 2014, only seven states (Alaska, Connecticut, Illinois, Maryland, Massachusetts, New York, and North Carolina) increased their appropriations for higher education normalized by GDP.

## 8-25 Appropriations of State Tax Funds for Operating Expenses of Higher Education as a Percentage of Gross Domestic Product

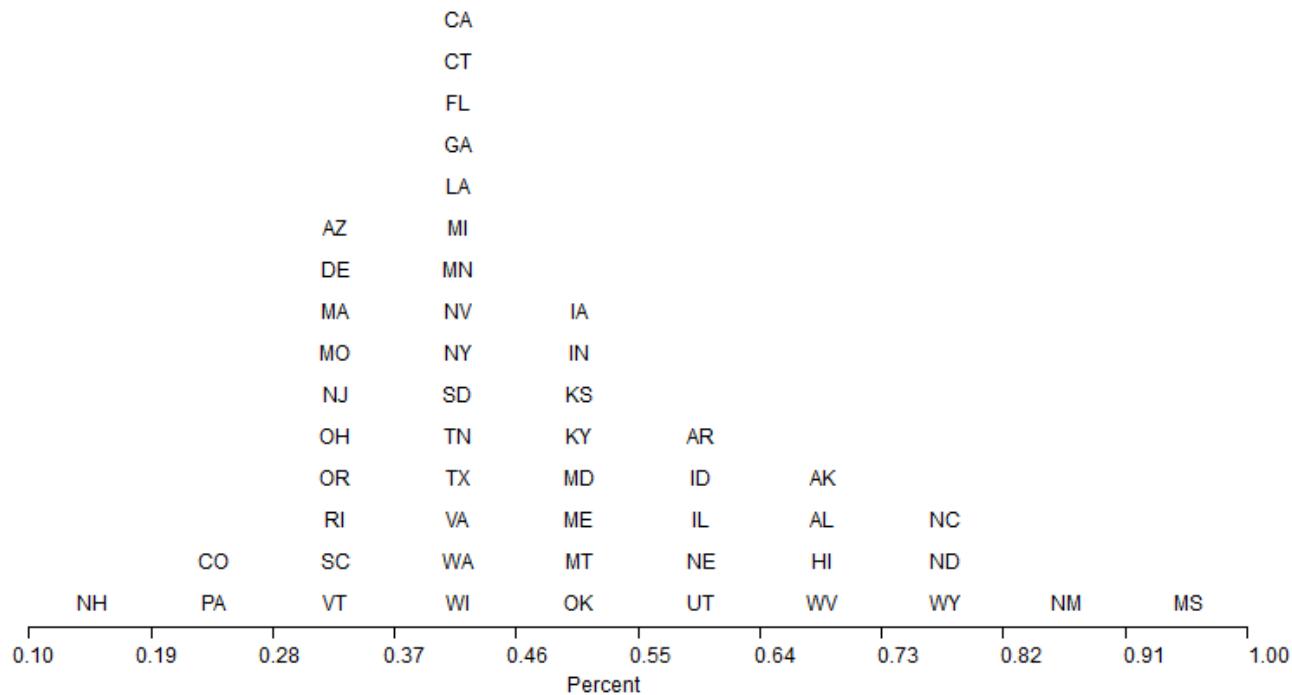
Year: 2014



## 8-25 Appropriations of State Tax Funds for Operating Expenses of Higher Education as a Percentage of Gross Domestic Product

Year: 2014

Distribution of states across indicator values



Histograms do not display states with extreme values. Please consult the data tables for exact indicator values for each state.

## Chapter 8. State Indicators



**Table 8-25 Appropriations of State Tax Funds for Operating Expenses of Higher Education as a Percentage of Gross Domestic Product**

State	Appropriations of state tax funds for operating expenses of higher education/state GDP (Percent)												
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
United States	0.50	0.57	0.57	0.54	0.49	0.48	0.49	0.50	0.53	0.52	0.47	0.47	0.43
Alabama	0.91	0.87	0.86	0.85	0.78	0.77	0.85	0.99	1.13	0.93	0.81	0.78	0.80
Alaska	0.65	0.66	0.68	0.66	0.61	0.58	0.55	0.57	0.54	0.63	0.63	0.60	0.61
Arizona	0.52	0.52	0.49	0.45	0.42	0.41	0.40	0.42	0.49	0.51	0.42	0.40	0.28
Arkansas	0.88	0.87	0.86	0.78	0.75	0.71	0.77	0.78	0.84	0.86	0.81	0.80	0.78
California	0.56	0.64	0.65	0.60	0.52	0.51	0.53	0.55	0.57	0.50	0.50	0.53	0.43
Colorado	0.38	0.39	0.39	0.31	0.28	0.27	0.26	0.27	0.29	0.26	0.17	0.24	0.23
Connecticut	0.32	0.32	0.33	0.41	0.38	0.38	0.38	0.39	0.45	0.46	0.46	0.46	0.40
Delaware	NA	0.43	0.43	0.40	0.38	0.38	0.39	0.41	0.44	0.43	0.39	0.36	0.36
District of Columbia	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Florida	0.50	0.51	0.47	0.46	0.43	0.44	0.43	0.45	0.47	0.45	0.39	0.41	0.37
Georgia	0.54	0.62	0.61	0.57	0.54	0.52	0.53	0.54	0.59	0.56	0.46	0.49	0.45
Hawaii	0.83	0.79	0.77	0.76	0.75	0.70	0.75	0.78	0.83	0.94	0.85	0.70	0.72
Idaho	NA	0.82	0.88	0.79	0.74	0.71	0.68	0.67	0.72	0.75	0.62	0.58	0.56
Illinois	0.52	0.54	0.56	0.52	0.48	0.46	0.42	0.43	0.46	0.48	0.50	0.48	0.51
Indiana	0.60	0.62	0.62	0.59	0.57	0.57	0.55	0.54	0.55	0.61	0.55	0.54	0.52
Iowa	0.87	0.89	0.78	0.72	0.62	0.60	0.61	0.59	0.64	0.66	0.53	0.50	0.46
Kansas	0.74	0.76	0.77	0.69	0.66	0.67	0.67	0.64	0.65	0.65	0.58	0.54	0.55
Kentucky	0.80	0.84	0.88	0.78	0.76	0.69	0.75	0.76	0.71	0.69	0.60	0.59	0.58
Louisiana	0.71	0.69	0.78	0.74	0.70	0.62	0.60	0.68	0.76	0.79	0.54	0.52	0.48
Maine	0.56	0.59	0.59	0.56	0.52	0.52	0.51	0.52	0.54	0.52	0.50	0.51	0.50
Maryland	0.54	0.62	0.60	0.53	0.46	0.44	0.45	0.49	0.52	0.53	0.51	0.49	0.48
Massachusetts	NA	0.38	0.35	0.33	0.28	0.30	0.32	0.33	0.35	0.31	0.25	0.28	0.28
Michigan	0.59	0.64	0.62	0.57	0.52	0.49	0.51	0.51	0.52	0.56	0.48	0.47	0.37

State	Appropriations of state tax funds for operating expenses of higher education/state GDP (Percent)												
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Minnesota	NA	0.66	0.68	0.61	0.55	0.52	0.54	0.54	0.59	0.59	0.53	0.47	0.43
Mississippi	1.25	1.17	1.05	0.99	0.98	0.92	0.88	0.95	1.10	1.05	1.05	0.95	0.92
Missouri	0.49	0.50	0.50	0.43	0.39	0.38	0.37	0.37	0.37	0.41	0.36	0.36	0.32
Montana	0.63	0.61	0.63	0.57	0.54	0.50	0.53	0.49	0.54	0.58	0.45	0.42	0.47
Nebraska	NA	0.81	0.82	0.77	0.70	0.68	0.70	0.69	0.73	0.73	0.68	0.64	0.61
Nevada	0.40	0.40	0.41	0.40	0.46	0.43	0.44	0.45	0.48	0.52	0.33	0.45	0.38
New Hampshire	NA	0.24	0.22	0.21	0.21	0.21	0.20	0.21	0.22	0.23	0.22	0.21	0.12
New Jersey	0.43	0.45	0.45	0.42	0.41	0.42	0.44	0.41	0.41	0.41	0.41	0.41	0.38
New Mexico	0.90	0.79	0.84	0.95	0.92	0.91	0.93	1.07	1.14	1.08	0.97	0.88	0.83
New York	0.45	0.38	0.38	0.39	0.35	0.37	0.38	0.40	0.44	0.43	0.40	0.38	0.36
North Carolina	0.82	0.82	0.81	0.78	0.74	0.78	0.79	0.87	0.94	0.95	0.89	0.88	0.80
North Dakota	1.03	0.98	0.99	0.91	0.86	0.82	0.81	0.75	0.80	0.79	0.88	0.77	0.70
Ohio	NA	0.55	0.50	0.48	0.46	0.45	0.44	0.45	0.46	0.52	0.40	0.38	0.37
Oklahoma	0.80	0.80	0.77	0.76	0.65	0.61	0.61	0.66	0.64	0.71	0.66	0.60	0.54
Oregon	NA	0.56	0.52	0.49	0.41	0.40	0.38	0.37	0.40	0.38	0.33	0.31	0.28
Pennsylvania	0.46	0.47	0.46	0.44	0.40	0.40	0.39	0.39	0.39	0.38	0.35	0.33	0.29
Rhode Island	NA	0.47	0.47	0.43	0.42	0.42	0.40	0.41	0.40	0.35	0.32	0.32	0.31
South Carolina	0.67	0.68	0.63	0.67	0.57	0.51	0.53	0.56	0.61	0.47	0.43	0.36	0.37
South Dakota	0.56	0.55	0.52	0.52	0.50	0.51	0.51	0.49	0.51	0.50	0.47	0.42	0.38
Tennessee	0.54	0.55	0.54	0.56	0.49	0.49	0.49	0.52	0.54	0.51	0.44	0.40	0.38
Texas	0.60	0.57	0.64	0.56	0.53	0.48	0.49	0.46	0.48	0.49	0.49	0.48	0.41
Utah	0.73	0.74	0.76	0.75	0.70	0.67	0.64	0.61	0.68	0.65	0.57	0.55	0.56
Vermont	0.34	0.35	0.35	0.35	0.34	0.33	0.34	0.34	0.35	0.34	0.35	0.33	0.31
Virginia	0.55	0.57	0.58	0.46	0.41	0.41	0.42	0.47	0.47	0.46	0.41	0.39	0.37
Washington	0.52	0.55	0.54	0.53	0.50	0.48	0.49	0.47	0.50	0.52	0.43	0.43	0.35
West Virginia	0.85	0.89	0.87	0.82	0.71	0.67	0.61	0.67	0.73	0.76	0.68	0.66	0.74
Wisconsin	0.59	0.62	0.61	0.59	0.52	0.49	0.47	0.48	0.51	0.54	0.49	0.50	0.42
Wyoming	0.79	0.78	0.83	0.89	0.83	0.77	0.75	0.74	0.64	0.83	0.73	0.76	0.78

Appropriations of state tax funds for operating expenses of higher education/state GDP (Percent)

State	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Puerto Rico	NA												

NA = not available. GDP = gross domestic product.

SOURCES: Illinois State University and State Higher Education Executive Officers Association, *Grapevine*—State Higher Education Finance (various years); Bureau of Economic Analysis, Gross Domestic Product data (various years); United Nations Statistics Division (various years).

*Science and Engineering Indicators 2016*

State	Appropriations of state tax funds for operating expenses of higher education (\$millions)												
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
United States	50,937	60,325	62,490	61,707	60,296	62,827	67,265	72,157	77,404	74,427	70,627	72,413	68,508
Alabama	1,100	1,088	1,116	1,162	1,168	1,215	1,408	1,685	1,962	1,581	1,424	1,425	1,495
Alaska	175	191	201	211	216	232	249	283	294	314	330	339	353
Arizona	866	893	884	859	863	922	995	1,106	1,268	1,230	1,037	1,026	757
Arkansas	605	618	635	617	639	639	733	778	862	865	861	884	886
California	7,768	8,871	9,393	9,273	8,534	8,929	9,859	10,778	11,366	9,507	9,850	10,760	9,142
Colorado	683	714	730	602	569	597	608	662	737	662	429	652	624
Connecticut	540	549	577	754	748	788	831	924	1,034	1,045	1,064	1,076	950
Delaware	NA	185	185	182	191	203	216	233	243	244	227	212	213
District of Columbia	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Florida	2,462	2,631	2,565	2,692	2,724	3,079	3,249	3,519	3,523	3,258	2,864	3,006	2,813
Georgia	1,638	1,965	1,987	1,909	1,897	1,948	2,100	2,206	2,438	2,269	1,915	2,089	1,986
Hawaii	342	339	349	370	399	410	461	504	554	613	575	491	520
Idaho	NA	311	346	323	328	341	353	368	403	408	342	334	324
Illinois	2,574	2,720	2,904	2,764	2,701	2,686	2,641	2,788	2,949	3,065	3,291	3,251	3,594
Indiana	1,227	1,283	1,321	1,327	1,360	1,417	1,429	1,457	1,525	1,595	1,562	1,565	1,549
Iowa	824	851	787	770	738	743	780	804	874	914	758	759	740
Kansas	650	683	716	671	673	716	764	779	823	796	743	741	775
Kentucky	926	1,002	1,085	1,008	1,035	1,001	1,138	1,180	1,134	1,076	1,004	1,022	1,028
Louisiana	950	970	1,101	1,160	1,209	1,244	1,243	1,420	1,668	1,670	1,268	1,257	1,207
Maine	206	227	237	234	232	241	244	255	270	262	258	265	267
Maryland	1,043	1,283	1,302	1,207	1,140	1,176	1,264	1,436	1,548	1,606	1,593	1,589	1,599
Massachusetts	NA	1,132	1,069	1,032	915	1,038	1,147	1,257	1,347	1,189	978	1,139	1,201
Michigan	2,085	2,232	2,274	2,151	1,984	1,948	2,012	2,035	2,034	2,046	1,837	1,870	1,550
Minnesota	NA	1,315	1,398	1,323	1,286	1,273	1,366	1,401	1,561	1,526	1,456	1,356	1,285
Mississippi	824	791	732	735	766	757	768	876	1,043	975	1,003	929	950
Missouri	911	959	975	875	839	861	855	895	935	1,027	920	940	863
Montana	138	142	150	146	151	153	173	174	197	204	168	169	199



Appropriations of state tax funds for operating expenses of higher education (\$millions)

Appropriations of state tax funds for operating expenses of higher education (\$millions)

State	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
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NA = not available. GDP = gross domestic product.

SOURCES: Illinois State University and State Higher Education Executive Officers Association, *Grapevine*—State Higher Education Finance (various years); Bureau of Economic Analysis, Gross Domestic Product data (various years); United Nations Statistics Division (various years).

*Science and Engineering Indicators 2016*

State	State GDP (\$millions)												
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
United States	10,225,879	10,562,041	10,916,911	11,446,549	12,206,995	13,022,458	13,781,347	14,399,635	14,635,348	14,329,566	14,869,544	15,416,873	16,060,678
Alabama	120,428	124,885	130,180	136,270	148,769	157,914	165,131	170,431	173,712	169,385	176,355	182,395	186,960
Alaska	26,932	28,942	29,808	32,125	35,510	40,277	44,867	49,365	54,853	49,655	52,673	56,939	57,941
Arizona	166,108	172,634	179,892	192,663	204,659	227,047	248,075	262,280	259,238	243,300	248,542	256,972	267,493
Arkansas	69,111	71,128	74,243	78,882	85,315	90,112	95,727	99,641	103,228	101,003	106,043	110,850	114,090
California	1,377,014	1,394,863	1,449,536	1,535,202	1,643,908	1,760,508	1,868,969	1,952,229	1,994,484	1,915,684	1,966,587	2,033,990	2,125,135
Colorado	178,331	185,264	189,464	195,704	205,347	222,415	233,142	245,312	256,091	250,285	258,237	266,627	276,816
Connecticut	166,995	172,336	174,856	181,750	198,921	208,154	220,994	235,143	231,745	227,003	232,470	233,960	239,878
Delaware	41,677	43,314	43,046	46,092	50,618	52,901	55,826	57,132	54,719	56,236	57,539	59,275	59,104
District of Columbia	60,458	65,400	69,608	73,846	79,564	83,968	88,502	93,813	98,849	99,255	104,172	108,217	109,937
Florida	490,538	519,024	550,486	585,729	637,113	700,222	748,021	773,992	754,780	722,825	730,896	736,890	766,259
Georgia	304,942	316,351	323,644	335,367	353,025	376,626	393,920	411,469	412,155	406,139	412,194	424,494	438,801
Hawaii	41,247	42,789	45,185	48,559	53,306	58,123	61,684	64,967	66,728	65,275	67,740	70,058	72,653
Idaho	38,416	37,812	39,185	41,125	44,445	47,990	51,821	55,092	56,220	54,199	55,658	57,050	58,353
Illinois	492,922	503,969	514,227	531,957	561,117	588,847	623,535	648,221	647,589	641,880	655,006	680,395	710,348
Indiana	205,807	207,104	214,788	225,933	240,428	247,048	258,525	271,497	275,278	263,430	282,954	291,357	300,304
Iowa	95,021	96,093	100,359	106,935	118,710	124,021	128,346	137,266	136,943	137,571	142,344	150,289	159,660
Kansas	87,446	90,269	92,953	97,651	101,343	106,864	113,738	122,349	126,152	122,029	127,947	136,613	140,441
Kentucky	115,126	118,975	123,928	128,804	135,994	144,174	152,394	155,593	159,429	156,514	166,181	172,869	178,682
Louisiana	134,251	140,264	141,797	157,562	172,623	200,436	207,944	209,774	218,847	210,791	233,155	241,845	250,689
Maine	36,684	38,317	40,050	41,858	44,617	46,052	48,175	49,345	50,166	50,487	51,681	52,007	53,180
Maryland	192,934	206,296	218,525	229,840	247,461	264,729	278,216	290,381	298,430	303,674	314,354	323,148	330,518
Massachusetts	289,554	296,348	302,972	315,339	329,640	344,145	359,256	377,939	384,595	381,628	398,147	412,653	428,350
Michigan	351,996	351,014	365,288	377,462	383,545	396,268	397,295	402,425	387,517	366,387	386,586	398,912	415,145
Minnesota	192,948	198,343	206,098	218,061	231,904	244,800	251,221	259,388	265,497	259,935	272,995	285,452	295,716
Mississippi	66,171	67,662	69,443	73,982	78,169	82,274	87,302	91,975	94,968	92,442	95,539	97,760	103,414
Missouri	187,707	191,750	196,807	205,338	215,895	225,268	234,124	241,716	249,633	249,783	256,212	257,985	266,672
Montana	21,884	23,063	23,941	25,788	27,979	30,425	32,635	35,683	36,648	35,442	37,343	40,193	41,941

State	State GDP (\$millions)												
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Nebraska	57,551	60,217	62,305	67,656	71,322	74,415	78,581	82,890	85,744	87,172	91,837	98,997	102,823
Nevada	75,777	80,134	84,643	90,419	103,446	116,764	125,387	131,544	128,760	119,087	119,529	122,420	124,938
New Hampshire	44,135	45,163	47,510	50,276	53,148	56,123	58,492	59,990	60,004	60,654	62,868	64,246	66,490
New Jersey	360,703	373,205	388,030	404,905	423,953	444,973	466,524	482,149	494,007	484,804	494,148	498,918	523,275
New Mexico	55,597	56,889	58,845	63,576	70,121	74,063	77,536	80,525	84,193	81,129	83,968	86,737	88,212
New York	824,386	864,377	879,623	898,559	954,249	1,024,329	1,083,194	1,128,484	1,109,714	1,142,957	1,199,367	1,234,073	1,302,527
North Carolina	276,963	291,540	301,781	313,917	332,598	357,711	386,354	395,593	407,119	410,488	422,107	433,311	445,720
North Dakota	17,991	19,002	20,322	22,295	23,396	24,709	26,491	28,696	31,913	31,994	35,305	40,482	49,308
Ohio	391,503	396,626	411,997	426,295	450,842	468,197	482,227	494,307	493,679	477,591	494,395	520,398	542,097
Oklahoma	92,083	97,682	99,532	106,105	114,160	125,106	136,804	144,254	157,524	143,500	152,122	162,118	169,346
Oregon	118,086	117,362	121,998	128,009	142,516	147,583	163,033	170,516	180,094	180,612	191,521	200,854	203,352
Pennsylvania	409,473	428,099	440,514	458,434	481,879	505,091	529,969	553,126	565,988	566,495	585,650	602,686	619,417
Rhode Island	34,405	36,117	38,231	40,672	43,513	45,250	47,659	47,958	47,450	47,854	49,337	49,932	51,346
South Carolina	116,812	121,361	126,044	132,485	136,875	144,754	152,802	161,106	163,211	161,565	165,353	171,550	176,320
South Dakota	23,267	24,399	27,334	28,733	30,789	31,552	32,455	35,275	37,494	36,890	38,718	42,362	43,177
Tennessee	182,844	188,482	197,724	206,546	220,543	228,730	239,425	243,410	250,519	248,024	253,671	264,052	280,169
Texas	752,007	787,653	801,155	844,435	922,770	999,641	1,094,064	1,179,068	1,242,323	1,168,881	1,247,572	1,350,773	1,449,330
Utah	70,550	74,191	76,711	80,130	86,495	94,876	106,308	116,138	116,706	113,943	118,491	124,737	128,050
Vermont	18,265	19,172	20,073	21,232	22,538	23,483	24,251	24,792	25,348	25,302	26,469	27,622	28,348
Virginia	269,194	284,595	292,387	309,648	330,412	358,730	378,445	392,659	399,994	410,342	424,232	432,206	444,617
Washington	239,942	240,894	249,942	260,027	271,676	296,731	315,723	343,482	353,744	350,996	362,521	372,444	390,643
West Virginia	42,497	43,700	45,086	46,471	49,409	53,331	56,748	58,579	62,165	63,053	66,230	69,892	68,722
Wisconsin	181,874	188,164	195,546	204,649	216,716	226,963	236,444	243,935	245,513	246,106	254,348	263,800	273,091
Wyoming	17,324	18,809	19,268	21,251	23,705	27,748	33,049	36,739	43,647	37,889	40,237	43,067	40,877
Puerto Rico	70,181	72,631	75,879	80,322	83,915	87,276	89,524	93,639	96,386	98,381	100,352	101,081	103,135

State	State GDP (\$millions)												
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
NA = not available. GDP = gross domestic product.												SOURCES: Illinois State University and State Higher Education Executive Officers Association, <i>Grapevine</i> —State Higher Education Finance (various years); Bureau of Economic Analysis, Gross Domestic Product data (various years); United Nations Statistics Division (various years).	
<i>Science and Engineering Indicators 2016</i>													

State	Appropriations of state tax funds for operating expenses of higher education/state GDP (Percent)	
	2013	2014
United States	0.41	0.42
Alabama	0.72	0.72
Alaska	0.64	0.66
Arizona	0.28	0.28
Arkansas	0.62	0.61
California	0.42	0.44
Colorado	0.21	0.21
Connecticut	0.39	0.40
Delaware	0.36	0.36
District of Columbia	NA	NA
Florida	0.32	0.37
Georgia	0.45	0.45
Hawaii	0.69	0.67
Idaho	0.57	0.57
Illinois	0.49	0.55
Indiana	0.50	0.54
Iowa	0.47	0.48
Kansas	0.55	0.51
Kentucky	0.53	0.52
Louisiana	0.46	0.43
Maine	0.48	0.48
Maryland	0.47	0.50
Massachusetts	0.28	0.29
Michigan	0.37	0.37
Minnesota	0.42	0.44
Mississippi	0.88	0.93
Missouri	0.31	0.30
Montana	0.46	0.50
Nebraska	0.58	0.59

State	Appropriations of state tax funds for operating expenses of higher education/state GDP (Percent)	
	2013	2014
Nevada	0.37	0.37
New Hampshire	0.12	0.15
New Jersey	0.35	0.36
New Mexico	0.83	0.85
New York	0.37	0.37
North Carolina	0.79	0.75
North Dakota	0.67	0.74
Ohio	0.36	0.36
Oklahoma	0.54	0.52
Oregon	0.28	0.29
Pennsylvania	0.28	0.27
Rhode Island	0.30	0.31
South Carolina	0.38	0.34
South Dakota	0.41	0.42
Tennessee	0.39	0.40
Texas	0.38	0.38
Utah	0.54	0.55
Vermont	0.30	0.29
Virginia	0.38	0.38
Washington	0.34	0.37
West Virginia	0.72	0.64
Wisconsin	0.42	0.38
Wyoming	0.87	0.75
Puerto Rico	NA	NA

State	Appropriations of state tax funds for operating expenses of higher education/state GDP (Percent)	
	2013	2014
NA = not available. GDP = gross domestic product.		
SOURCES: Illinois State University and State Higher Education Executive Officers Association, <i>Grapevine</i> —State Higher Education Finance (various years); Bureau of Economic Analysis, Gross Domestic Product data (various years); United Nations Statistics Division (various years).		
<i>Science and Engineering Indicators 2016</i>		

State	Appropriations of state tax funds for operating expenses of higher education (\$millions)	
	2013	2014
United States	68,744	72,760
Alabama	1,407	1,441
Alaska	365	378
Arizona	773	803
Arkansas	734	737
California	9,214	10,159
Colorado	618	657
Connecticut	957	1,010
Delaware	216	228
District of Columbia	NA	NA
Florida	2,547	3,094
Georgia	2,032	2,163
Hawaii	517	518
Idaho	350	364
Illinois	3,567	4,083
Indiana	1,555	1,701
Iowa	787	823
Kansas	778	756
Kentucky	980	981
Louisiana	1,144	1,092
Maine	261	266
Maryland	1,591	1,735
Massachusetts	1,255	1,342
Michigan	1,609	1,670
Minnesota	1,285	1,395
Mississippi	921	970
Missouri	854	862
Montana	199	223
Nebraska	640	667

State	Appropriations of state tax funds for operating expenses of higher education (\$millions)	
	2013	2014
Nevada	472	487
New Hampshire	86	109
New Jersey	1,888	1,990
New Mexico	758	790
New York	4,993	5,193
North Carolina	3,704	3,604
North Dakota	344	410
Ohio	2,051	2,096
Oklahoma	955	962
Oregon	577	627
Pennsylvania	1,793	1,771
Rhode Island	161	170
South Carolina	688	654
South Dakota	185	192
Tennessee	1,125	1,206
Texas	5,847	6,243
Utah	735	785
Vermont	86	87
Virginia	1,712	1,771
Washington	1,373	1,571
West Virginia	509	479
Wisconsin	1,183	1,114
Wyoming	363	331
Puerto Rico	NA	NA

State	Appropriations of state tax funds for operating expenses of higher education (\$millions)	
	2013	2014
NA = not available. GDP = gross domestic product.		
<p>SOURCES: Illinois State University and State Higher Education Executive Officers Association, <i>Grapevine</i>—State Higher Education Finance (various years); Bureau of Economic Analysis, Gross Domestic Product data (various years); United Nations Statistics Division (various years).</p> <p><i>Science and Engineering Indicators 2016</i></p>		

State	State GDP (\$millions)	
	2013	2014
United States	16,665,215	17,316,314
Alabama	194,671	199,440
Alaska	57,276	57,080
Arizona	274,734	284,156
Arkansas	118,553	121,395
California	2,212,991	2,311,616
Colorado	288,338	306,663
Connecticut	246,897	253,036
Delaware	60,816	62,756
District of Columbia	111,695	115,473
Florida	800,697	839,944
Georgia	456,483	476,483
Hawaii	75,095	77,389
Idaho	61,117	63,952
Illinois	724,795	745,875
Indiana	311,188	317,840
Iowa	166,787	170,613
Kansas	142,449	147,075
Kentucky	183,582	188,602
Louisiana	246,660	251,397
Maine	54,609	55,838
Maryland	339,409	348,631
Massachusetts	441,467	459,937
Michigan	434,674	451,516
Minnesota	307,270	316,204
Mississippi	104,095	104,851
Missouri	276,715	284,462
Montana	43,006	44,269
Nebraska	109,364	112,159

State	State GDP (\$millions)	
	2013	2014
Nevada	127,989	132,064
New Hampshire	68,701	71,552
New Jersey	537,396	549,099
New Mexico	90,828	92,959
New York	1,341,591	1,404,518
North Carolina	467,075	483,126
North Dakota	51,048	55,136
Ohio	562,845	583,261
Oklahoma	176,398	183,501
Oregon	204,867	215,677
Pennsylvania	640,294	662,890
Rhode Island	53,300	54,960
South Carolina	182,400	190,304
South Dakota	44,673	45,867
Tennessee	290,125	300,604
Texas	1,557,193	1,648,036
Utah	134,974	141,410
Vermont	28,838	29,613
Virginia	454,984	463,613
Washington	407,160	427,052
West Virginia	70,595	75,337
Wisconsin	284,728	292,891
Wyoming	41,782	44,190
Puerto Rico	105,149	NA

State	State GDP (\$millions)	
	2013	2014
NA = not available. GDP = gross domestic product.		SOURCES: Illinois State University and State Higher Education Executive Officers Association, <i>Grapevine</i> —State Higher Education Finance (various years); Bureau of Economic Analysis, Gross Domestic Product data (various years); United Nations Statistics Division (various years). <i>Science and Engineering Indicators 2016</i>